TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	ATTORNEY'S DOCKET NUMBER ASZD-P01-898
	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/534651

INTERNATIONAL APPLICATION NO. PCT/GB2003/004915	INTERNATIONAL FILING DATE 13 November 2003	PRIORITY DATE CLAIMED 19 November 2002

TITLE OF INVENTION   QUINOLINE DERIVATIVES AS GLUCOKINASE LIGANDS

APPLICANT(S) FOR DO/EO/US   Hargreaves et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. [x] This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.

2. [ ] This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.

3. [x] This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.

4. [x] The US has been elected (Article 31).

5. [x] A copy of the International Application as filed (35 U.S.C. 371 (c)(2))

   a. [ ] is attached hereto (required only if not communicated by the International Bureau).

   b. [x] has been communicated by the International Bureau.

   c. [ ] is not required, as the application was filed in the United States Receiving Office (RO/US).

6. [ ] An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).

   a. [ ] is attached hereto.

   b. [ ] has been previously submitted under 35 U.S.C. 154(d)(4).

7. [x] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))

   a. [ ] are attached hereto (required only if not communicated by the International Bureau).

   b. [ ] have been communicated by the International Bureau.

   c. [ ] have not been made; however, the time limit for making such amendments has NOT expired.

   d. [x] have not been made and will not be made.

8. [ ] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).

9. [x] An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).

10. [ ] An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. [x] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. [x] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. [x] A preliminary amendment.

14. [x] An Application Data Sheet under 37 CFR 1.76.

15. [ ] A substitute specification.

16. [ ] A power of attorney and/or change of address letter.

17. [ ] A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.

18. [x] A second copy of the published International Application under 35 U.S.C. 154(d)(4).

19. [ ] A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

20. [x] Other items or information: Copy of International Preliminary Examination Report from PCT/GB03/04915
       Copy of International Search Report from PCT/GB03/04915
       Return Receipt Postcard

PTO-1390 (Rev. 02-2005)
Approved for use through 03/31/2007. OMB 0651-0021
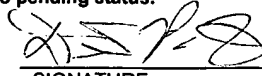U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) **10/534651**	INTERNATIONAL APPLICATION NO. PCT/GB2003/004915	ATTORNEY'S DOCKET NUMBER ASZD-P01-898	
The following fees have been submitted		CALCULATIONS	PTO USE ONLY
21. [x] Basic national fee $300		$ 300.00	
22. [x] Examination fee			
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ....$100 All other situations $200		$ 200.00	
23. [x] Search fee			
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority...............................$100 International Search Report prepared and provided to the Office ....$400 All other situations $500		$ 500.00	
TOTAL OF 21, 22 and 23 =		$ 1,000.00	

[ ] Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is $250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number	RATE	
35 - 100 =	/50 =		x $250.00	

Surcharge of $130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	20 - 20 =		x	$ 0.00	
Independent claims	3 - 3 =		x	$ 0.00	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)		+	360.00	$ 360.00	
TOTAL OF ABOVE CALCULATIONS =				$ 1,360.00	
[ ] Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				$	
SUBTOTAL =				$ 1,360.00	

Processing fee of $130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). +	$	
TOTAL NATIONAL FEE =	$ 1,360.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property +	$ 40.00	
TOTAL FEES ENCLOSED =	$ 1,400.00	

	Amount to be refunded:	$
	Amount to be charged:.	$

a. [ ] A check in the amount of $ _____ to cover the above fees is enclosed.

b. [x] Please charge my Deposit Account No. _____18-1945_____ in the amount of $ _____1,400.00_____ to cover the above fees.

c. [x] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____18-1945_____ .

d. [ ] Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Patricia Granahan, Sc.D.
ROPES & GRAY LLP
One International Place
Boston, Massachusetts 02110-2624
(617) 951-7449
CUSTOMER NUMBER: 28120

SIGNATURE: •
David P. Halstead, Ph.D.
NAME

44,735
REGISTRATION NUMBER

Application No. (if known): Not Yet Assigned | Attorney Docket No.: ASZD-P01-898

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV520562304US in an envelope addressed to:

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        Transmittal Letter to the United States Designated-Elected Office (2 pages)
        Preliminary Amendment (10 pages)
        Copy of PCT/GB2003/004915 including cover page (36 pages)
        Copy of International Preliminary Examination Report from PCT/GB2003/004915 (3 pages)
        Application Data Sheet (3 pages)
        Oath or declaration of the inventor(s) (2 page)
        IDS and PTO Form SB/08 (3 pages)
        Copy of International Search Report from PCT/GB2003/004915 (5 pages)
        Recordation Form Cover Sheet and Assignment (3 pages)
        Charge $1,400.00 to deposit account 18-1945
        This Certificate of Express Mailing (1 page)
        Return Receipt Postcard